

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs.

10000000.00

Item of Work: Detailed Estimate for the work of Improvements to road and drains at Judicial layout and cross roads in ward no - 04.

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 142/ Item No. 19.1/ PWD SR 2018-19)	cum							
For RCC drain								
26th cross road		2	190.00	1.00	1.00	380.00		
22nd cross road		2	200.00	1.00	1.00	400.00		
		1	320.00	1.00	1.00	320.00		
culvert		2	6.00	1.50	1.20	21.60		
						1121.60	137.80	154556.48
Basic Rate	130.00							
Area Weightage 6%	7.80							
Grand Total	137.80							
KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 cost of haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2018-19)	cum							
		Vide Item No. 1				1121.60	82.13	92115.66
Basic Rate for loading and unloading	57.00							
Basic Rate for Haulage upto 8.00 k.m = 1.28 X 2 X 8	20.48							
Basic Rate	77.48							
Area Weightage 6%	4.65							
Grand Total	82.13							

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,1 No-27.18 PWD SR 2018-19)	Cum							
For RCC drain								
26th cross road		2	190.00	1.00	0.15	57.00		
22nd cross road		2	200.00	1.00	0.15	60.00		
		1	320.00	1.00	0.15	48.00		
culvert		2	6.00	1.50	0.15	2.70		
						167.70	5421.90	909252.63
Basic Rate	5115.00							
Area Weightage 6%	306.90							
Grand Total	5421.90							
Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No 271 PWD SR 18-19)	Cum							
for RCC drains bed								
		2	190.00	0.90	0.15	51.30		
		2	200.00	0.90	0.15	54.00		
		1	320.00	0.90	0.15	43.20		
culvert		2	6.00	1.20	0.30	4.32		
Side walls	2x2	4	190.00	0.15	0.75	85.50		
	2x2	4	200.00	0.15	0.75	90.00		
	2x1	2	320.00	0.15	0.75	72.00		
culvert	2x2	4	6.00	0.30	0.90	6.48		

S/	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
							406.80	7070.20	2876157.36
	Basic Rate	6670.00							
	Area Weightage 6%	400.20							
	Grand Total	7070.20							
	‡ KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio(I No-28.8.2,P No-229)	Tonne							
	For RCC drains 65 kg/cum		65.00	396.00			25740.00		
	For RCC Culvert 90 kg/cum		90.00	10.80			972.00		
							26.71	72326.98	1931998.29
	‡ Basic Rate Area Weightage 6% Grand Total	68233.00 4093.98 72326.98							
	RCC Precast covering slab for drain (10cm thick)	sqm							
			2	190.00	0.90		342.00		
			2	200.00	0.90		360.00		
			1	320.00	0.90		288.00		
	Missing Slabs		1	70.00	0.90		63.00		
							1053.00	2337.00	2460861.00
	Rate Approved by BBMP	2337.00							
	Providing precast slab of 250 mm thick Including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-	sqm							
			2	6.00	1.20		14.40		
							14.40	5418.00	78019.20
	Data Rate	5418.00							
	Total Construction Cost								8502960.62
	GST Charges 12%								1020355.27
	Sub Total								9523315.90
	Towards PMC Cost								95233.16
	KRIDL service charges 4%								380932.64

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Miscellaneous charges								518.31
Total								10000000.00

(Rupees Hundred Lakhs Only)

CERTIFICATE

The work spot has been inspected and the work is found necessary.
This estimate is prepared as per PWD. of 2018-19
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

Ramkrishna
Assistant Engineer

[Signature]
Executive Engineer
Yelahanka Division
Bangalore-64

[Signature]
Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Administrative Sanction for Rs. 100.00 Lakh
Hundred Lakh only

is accorded under head P-3521

Registered as CE No. Subject
to conditions contained in enclosed memo
No. EE/AO/75/18-19 Dt. 2.3.19

[Signature]

Technical Sanction
Accorded For RS. 100.00 Lakh only
Head of A/C P-3521
CER NO. 223 Dt. 02.03.19

[Signature]
[TA] [CE (YHK)]